

## iSCSI Storage System

Buffalo's iSCSI TeraStation is a storage solution targeted at the SMB. This affordable storage system uses the existing Ethernet infrastructure to send SCSI storage commands over the network. The TeraStation iSCSI is the ideal solution to backup your servers more efficiently, consolidate your existing storage systems, and increase redundancy and data security. Setup multiple iSCSI units into one single storage array or segment an existing array for dedicated PCs or servers.



RAID 0 / 1 / 5 / 10 / Standard

Five Operating Modes  
for Maximum Flexibility  
and Reliability

2-Year Warranty



Available Capacities

1.0 TB  
2.0 TB  
4.0 TB

## Features and Benefits

### Simple Install and Management

- Utilises your existing Ethernet infrastructure to process SCSI storage commands
- Front panel LCD shows status information
- Easy setup wizard and management through intuitive Web interface
- Quick swap hard drive trays behind the front panel allow for easy drive access and replacement

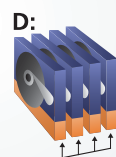
### RAID Support

- Four RAID Modes: RAID 0, 1, 5, 10
- Advanced RAID system continually checks hard drive and RAID performance

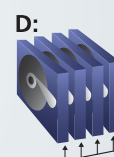
### High Performance

- Four High Speed 7200 RPM Hard Drives
- 10/100/1000 Ethernet
- Large, silent fan to release HDD heat effectively
- Up to 60 MB/s transfer speed

### Four RAID Modes for Maximum Flexibility



RAID 5  
Parity Mode:



RAID 0  
Striping Mode:

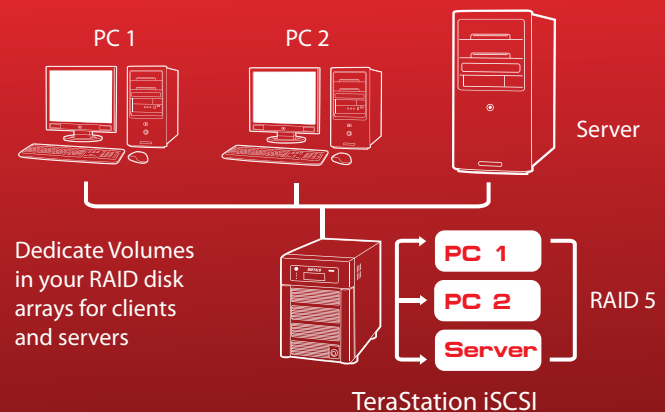
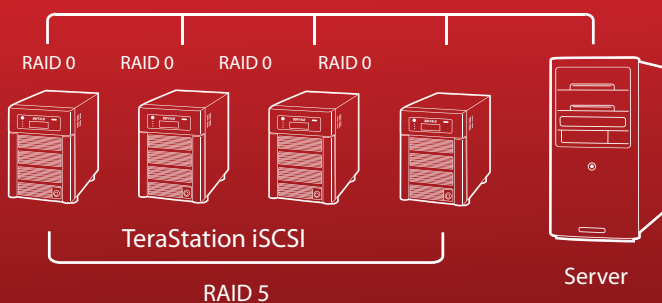


RAID 1  
Mirroring Mode:



RAID 10 Mode:

### Combine multiple iSCSI targets into one array



TS-I1.0TGL/R5, TS-I2.0TGL/R5, TS-I4.0TGL/R5

## Specifications

### LAN Interface

Standard Compliance	IEEE802.3ab / IEEE802.3u / IEEE802.3 1000BASE-T / 100BASE-TX / 10BASE-T
Data Transfer Rates	10 / 100 / 1000 Mbps
Connector Type	RJ-45
Number of Ports	1



### Internal Hard Drives

Number of Drives	4
Drive Interface	SATA
Hard Drive Sizes	250GB, 500GB, 1.0TB
Total Capacity	1.0TB, 2.0TB, 4.0TB
Rotational Speed	7200 RPM
Supported Operating Modes	0, 1, 5, 10, Standard

### Other

Dimensions	170 x 235 x 290 mm
Weight	7.3Kg
Operating Environment	5-35° C
Client OS Support	Windows® Vista™, Windows® XP, Windows® 2000, Windows® 2003/2008 Server
Power Supply	Internal, AC220-240V 50/60 Hz



\*1 TB= 1,000,000,000,000 Bytes. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead.

## About Buffalo

[www.buffalotech.com](http://www.buffalotech.com)

Buffalo Technology UK Ltd. is a leading global provider of award-winning networking, memory, storage and multimedia solutions for the home and small business environments as well as for system builders and integrators. With almost three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative, solutions that have put the company at the forefront of infrastructure technology.